

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1768	(carrier or support or matrix) and (cell adj culture) and (hydrogel or gel) and (alginate or alginic) and chitosan	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/22 12:25
L2	204	(carrier or support or matrix) and (cell adj culture) and (hydrogel or gel) and (alginate or alginic) and chitosan.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/22 12:26
L3	192	(carrier or support or matrix) and (cell adj culture) and (hydrogel or gel) and (alginate or alginic) and chitosan and (collagen or ecm).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/22 12:26
L4	1411	(carrier or support or matrix) and (cell adj culture) and (hydrogel or gel) and (alginate or alginic) and chitosan and (collagen or ecm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/22 12:32
L5	7	14 and (coat\$4 near5 collagen).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/22 12:28
L6	2	(carrier or support or matrix) near5 (cell adj culture) near5 (hydrogel or gel) near5 (alginate or alginic) near5 chitosan near5 (collagen or ecm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/22 12:34
L7	8	(carrier or support or matrix) same (cell adj culture) same (hydrogel or gel) same (alginate or alginic) same chitosan same (collagen or ecm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/22 12:35
L8	2	(carrier or support or matrix) same (cell adj culture) same (hydrogel or gel) same (alginate or alginic) same chitosan same (collagen or ecm).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/22 12:35
S1	4939573	carrier or support	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/22 12:23
S2	43314	cell adj culture	USPAT	OR	ON	2005/09/05 17:22
S3	35302	S1 and S2	USPAT	OR	ON	2005/08/26 10:14
S4	42348	alginate or alginic	USPAT	OR	ON	2005/09/05 17:23
S5	6029	chitosan	USPAT	OR	ON	2005/09/05 17:24
S6	16686	hydrogel	USPAT	OR	ON	2005/09/05 17:24
S7	32657	collagen or ecm	USPAT	OR	ON	2005/09/05 17:25
S8	1072	S4 and S5 and S7	USPAT	OR	ON	2005/08/26 10:17
S9	772	S8 and cells	USPAT	OR	ON	2005/08/26 10:17

## EAST Search History

S10	338	S8 and (cell adj culture)	USPAT	OR	ON	2005/08/26 10:18
S11	276	S10 and carrier	USPAT	OR	ON	2005/08/26 10:22
S12	17	cell adj culture adj carriers	USPAT	OR	ON	2005/08/26 13:40
S13	203	cell adj culture near5 carriers	USPAT	OR	ON	2005/08/26 10:25
S14	32	S13 and S6	USPAT	OR	ON	2005/08/26 10:25
S15	3240	method near5 cell adj culture	USPAT	OR	ON	2005/08/26 10:28
S16	54	S15 and chitosan	USPAT	OR	ON	2005/08/26 10:28
S17	31	S16 and alginate	USPAT	OR	ON	2005/08/26 10:28
S18	24	S17 and collagen	USPAT	OR	ON	2005/08/26 10:28
S19	112	cell adj culture adj (carriers or microcarriers or support)	USPAT	OR	ON	2005/08/26 13:52
S20	10	S19 and (alginate or alginic)	USPAT	OR	ON	2005/08/26 13:47
S21	6	S19 and (chitosan or hydrogel)	USPAT	OR	ON	2005/08/26 13:51
S22	178	multilayer\$2 adj (carrier or support)	USPAT	OR	ON	2005/08/26 13:51
S23	3	S19 and chitosan	USPAT	OR	ON	2005/08/26 13:52
S24	94809	cell adj culture	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/05 17:23
S25	43389	cell adj culture	USPAT	OR	ON	2005/09/05 17:23
S26	43389	S24 and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/05 17:23
S27	82582	alginate or alginic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/05 17:24
S28	5535	S26 and S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/05 17:24
S29	21483	chitosan	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/05 17:24
S30	39343	hydrogel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/05 17:24
S31	75588	collagen or ecm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/05 17:25

## EAST Search History

S32	468	S28 and S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/05 17:26
S33	340	S32 and S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/05 17:26
S34	311	S33 and membrane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/05 17:28
S35	0	S34 and (chitosan near2 intermediate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/05 17:29
S36	0	S34 and (chitosan same middle adj layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/05 17:29
S37	29	chitosan near2 (middle or intermediate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/05 17:30
S38	0	S37 and S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/05 17:30